

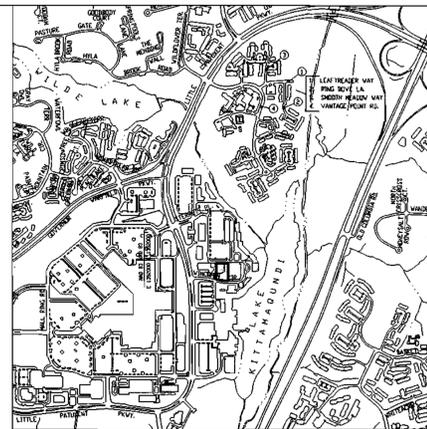
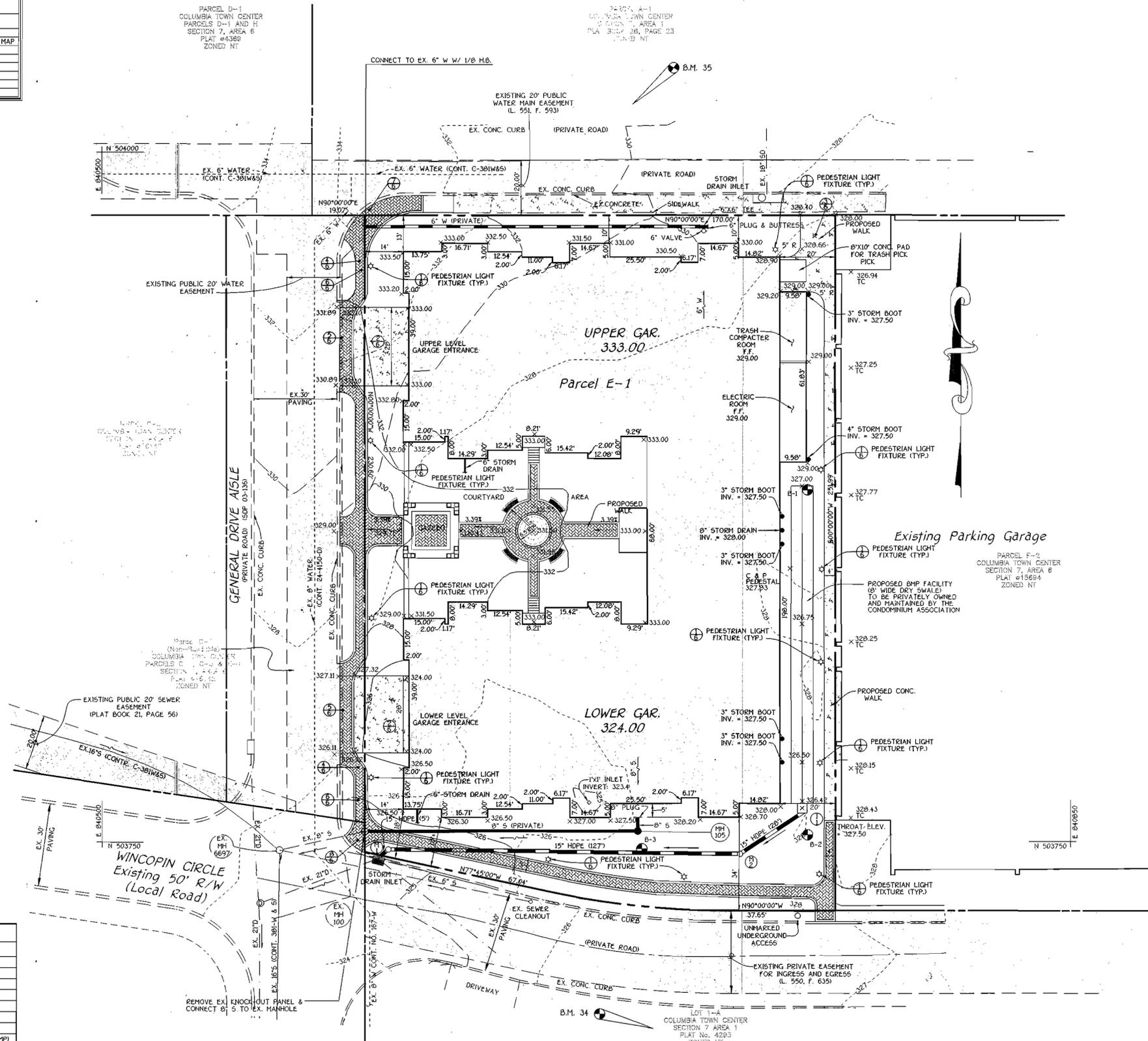
SHEET INDEX	
SHEET NUMBER	DESCRIPTION
1	SITE DEVELOPMENT PLAN
2	SEDIMENT EROSION CONTROL PLAN, DRAINAGE AREA MAP & SOILS MAP
3	SEDIMENT CONTROL NOTES AND DETAILS
4	STORM WATER MANAGEMENT PLAN AND CROSS-SECTIONS
5	PRIVATE WATER AND SEWER PROFILES
6	SITE PLAN DETAILS
7	LANDSCAPE PLAN
8	STORM DRAIN PROFILES AND STORMWATER MANAGEMENT DETAILS

**SITE ANALYSIS DATA**

- A. Area of Parcel E-1 0.958 Ac.
- B. Proposed use for site and structure condominium building
- C. Total number of units proposed 48
- D. Number of parking spaces required + 72 (1.5 spaces per dwelling unit)
- E. Number of parking spaces provided 50 (including 4 handicap spaces)
- F. Lower level parking inside the building 47 parking spaces and 2 handicap spaces.
- G. Upper level parking inside the building 47 parking spaces and 2 handicap spaces.
- H. Number of handicap spaces required + 4
- I. Number of handicap spaces provided + 4
- J. Building coverage of site 54.8%

**BENCH MARKS**

- B.M.34 REBAR AND CAP SET ELEV. 327.49'
- B.M.35 REBAR AND CAP SET ELEV. 331.24'



VICINITY MAP  
SCALE: 1" = 1200'

**General Notes**

1. All construction shall be accordance with the latest standards and specifications of Howard County.
2. The contractor shall notify the Bureau of Engineering/Construction Inspection Division at 410-313-1800 at least five working days prior to start of work.
3. The contractor shall notify Miss Utility at 1-800-257-7777 at least 48 hours prior to any digging and excavation work.
4. Project Background:  
Location: Tax Map 36, Grid 2, Parcel 290  
Zoning: This project is zoned NT per the 10/18/93 comprehensive zoning plan.  
Election District: Fifth  
Town Center, Section 7, Area 6  
Site Area: 0.958 Ac.
5. Existing topography and features were derived from a field run survey performed by Fisher, Collins & Carter, Inc., dated October 2002.
6. Horizontal and vertical control is based upon traverse controls for Columbia established by Maps, Inc. in 1965 and by Purdam and Jeschke in 1968 which controls were tied to Maryland Bureau of Control Surveys Monuments and to U.S. Coast and Geodetic Survey Monuments in the Columbia area.
7. Public water and sewer is to be utilized for this project. Contract C-381 W&S and Contract 44-150-D.
8. Stormwater management is provided by a dry swale that will be privately owned and maintained by the Condominium Association.
9. All on-site storm drains under this site development plan are private.
10. The existing utilities shown hereon were derived from available public records. The contractor must dig test pits by hand at all utility crossings and connection points to verify the exact location.
11. All proposed ramps shall be in accordance with current A.D.A. standards. Maximum sidewalk cross slope shall be two percent. Provide a (5'x5') five foot by five foot level landing (max. slope 2%) at the top and bottom of all ramps and building entrances and exits.
12. Any damage to County owned right-of-way and private roads to be corrected at the contractor's expense.
13. Trench bedding for storm drains structures shall be in accordance with Howard County Standard G2.01 Class C bedding unless otherwise noted.
14. There are no visible signs of any grave sites or cemeteries on this site.
15. All outside lighting shall comply with Zoning Regulations Section 134 which requires lights to be installed to direct/reflect light downwards and inwards on the site and away from all public streets and residential areas.
16. The building shall be equipped with an automatic fire prevention sprinkler system.
17. There are no wetlands or floodplain areas based on General Note #6 of the Recorded Plat #16142 for Columbia Town Center Section 7 Area 6 Parcel E-1.
18. This project shall be in accordance with the Amended Final Development Plan Criteria Phase III - A-1 recorded in Plat Book 15232-15234.
19. This Project is recorded among the land records in Howard County, Maryland as Plat #16142.
20. Previous DPZ file numbers F-03-33, SDP72-57c, F71-52c, F-04-24.
21. This project is exempt from the requirements of Section 16.1200 of the Howard County Code for Forest Conservation because this site is part of a Preliminary Development Plan which received approval prior to 12/31/92.
22. The Planning Board granted approval to this Site Plan on October 8, 2003.
23. There is no height limit for this site, nor are there any specified setbacks, subject to approval of the site plan by the Planning Board.

LEGEND	
SYMBOL	DESCRIPTION
- - - -	EXISTING CONTOUR 2' INTERVAL
+324.00	SPOT ELEVATION
-SF -SF-	SILT FENCE
-SFS -SFS-	SUPER SILT FENCE
ECM	EROSION CONTROL MATTING
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
⊙	PEDESTRIAN LIGHT FIXTURE (TOWN CENTER FIXTURE SINGLE LAMP)
○	EXISTING STREET TREE

**ENGINEER'S CERTIFICATE**

"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

*[Signature]*  
Signature of Engineer  
11/17/03  
Date

**DEVELOPER'S CERTIFICATE**

"I/we certify that all development and construction will be done according to this plan, for sediment and erosion control and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

*[Signature]*  
Signature of Developer  
11/19/03  
Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]*  
Director - Department of Planning and Zoning  
12/11/03  
Date

*[Signature]*  
Chief, Development Engineering Division  
MK  
12/11/03  
Date

*[Signature]*  
Chief, Division of Land Development  
12/14/03  
Date

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A.-Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Howard SCD

**OWNER AND DEVELOPER**

RYLAND HOMES  
SUITE 520  
7250 PARKWAY DRIVE  
HANOVER, MARYLAND 21076  
410-712-7012

**ADDRESS CHART**

PARCEL NUMBER	STREET ADDRESS
290	10205 WINCOPIN CIRCLE

PROJECT	SECTION/AREA	PARCEL
COLUMBIA TOWN CENTER	7 / 6	E-1
PLAT No. FOLIO	BLOCK NO.	ZONE
15694	2	NT
TAX/ZONE	ELEC. DIST.	CENSUS TR.
36	FIFTH	6054.01
WATER CODE	SEWER CODE	
E 31	5559800	

**SITE DEVELOPMENT PLAN**

**COLUMBIA TOWN CENTER**  
PARCEL "E-1"  
SECTION 7 AREA 6

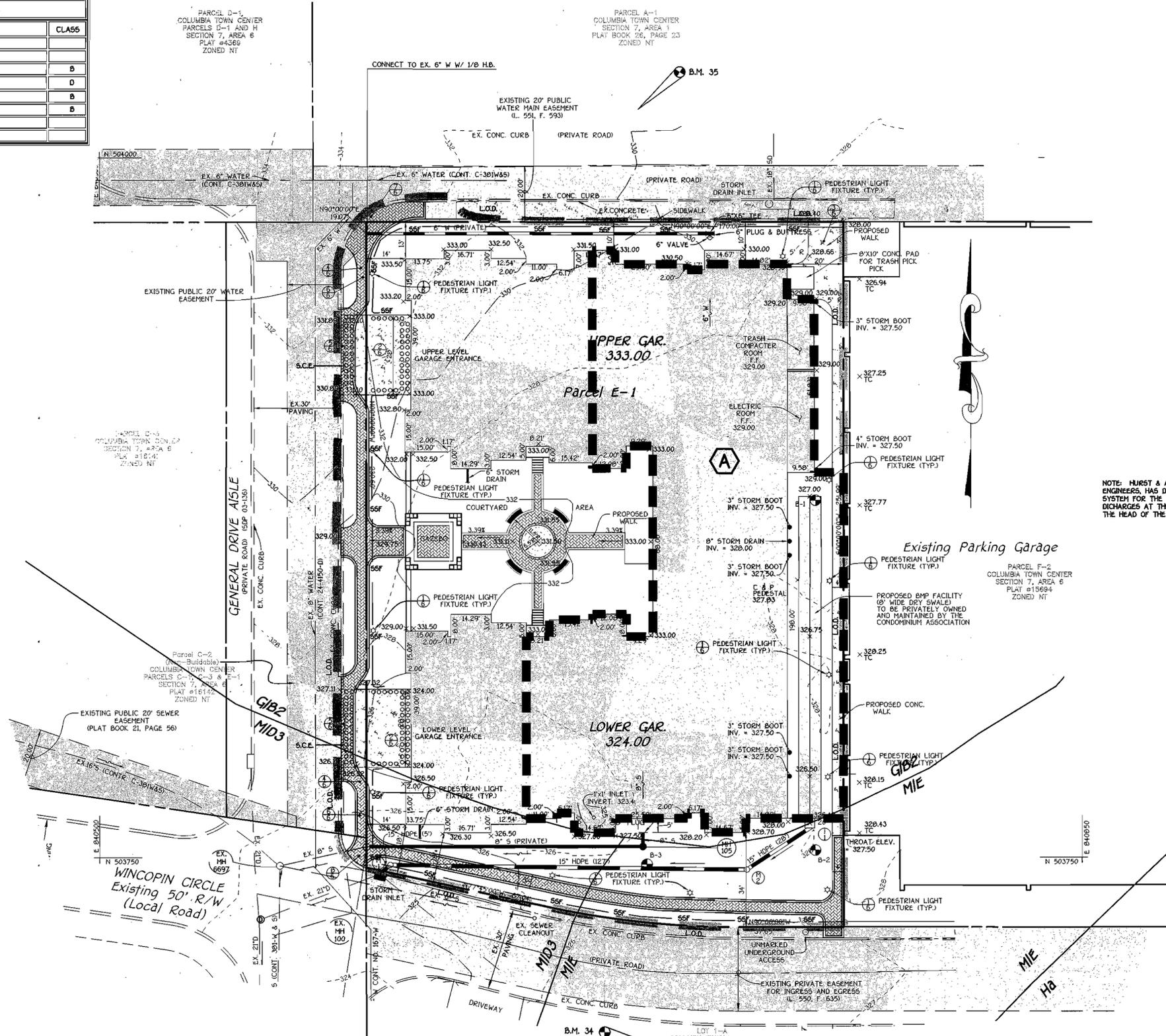
TAX MAP No: 36  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 20' DATE: NOVEMBER 17, 2003  
SHEET 1 OF 8



SOILS LEGEND		
SOIL	NAME	CLASS
GIB2	Glenside loam, 3 to 8 percent slopes, moderately eroded	B
** Ha	Harboro silt loam	D
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B

NOTES:  
 \* Hydric soils and/or contains hydric inclusions  
 \*\* May contain hydric inclusions  
 † Generally only within 100-year floodplain areas

DRAINAGE AREA DATA					
STRUCTURE NO.	DRAINAGE AREA	AREA	'C'	ZONED	X IMP.
I-1	A	0.38 AC.	0.82	NT	92%



NOTE: HURST & ASSOCIATES, CONSULTING ENGINEERS, HAS DESIGNED AN INTERNAL COLLECTION SYSTEM FOR THE ROOFTOP RUNOFF. THIS SYSTEM DISCHARGES AT THE 8" STORM DRAIN LOCATED AT THE HEAD OF THE DRY SWALE.

LEGEND	
SYMBOL	DESCRIPTION
(Dashed line)	EXISTING CONTOUR 2' INTERVAL
(Dot)	SPOT ELEVATION
(Line with dashes)	SILT FENCE
(Line with dots)	SUPER SILT FENCE
(Line with triangles)	EROSION CONTROL MATTING
(Line with circles)	EXISTING TREE LINE
(Dotted line)	L.O.D. LIMIT OF DISTURBANCE
(Circle with cross)	EXISTING STREET TREE

**ENGINEER'S CERTIFICATE**

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*[Signature]*  
 Signature of Engineer  
 11/17/03  
 Date

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*[Signature]*  
 Signature of Developer  
 11/19/03  
 Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]*  
 Director - Department of Planning and Zoning  
 12/4/03  
 Date

*[Signature]*  
 Chief, Development Engineering Division  
 MK  
 12/1/03  
 Date

*[Signature]*  
 Chief, Division of Land Development  
 12/4/03  
 Date

Reviewed for HOWARD SCD and meets Technical Requirements.

*[Signature]* 11/24/03  
 U.S.A. - Natural Resources Conservation Service  
 This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*[Signature]* 11/24/03  
 Howard SCD  
 Date

**OWNER AND DEVELOPER**

RYLAND HOMES  
 SUITE 200  
 7250 PARKWAY DRIVE  
 HANOVER, MARYLAND 21076  
 410-712-7012

**ADDRESS CHART**

PARCEL NUMBER	STREET ADDRESS
290	10205 WINCOPIN CIRCLE

PROJECT	SECTION/AREA	PARCEL
COLUMBIA TOWN CENTER	7 / 6	E-1

PLAT No. FOLIO	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
15694	2	NT	36	FIFTH	6054.01

WATER CODE	SEWER CODE
E 31	5559800

**SEDIMENT EROSION CONTROL PLAN  
 DRAINAGE AREA MAP AND SOILS MAP**

**COLUMBIA TOWN CENTER  
 PARCEL "E-1"  
 SECTION 7 AREA 6**

TAX MAP No: 36  
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 20' DATE: NOVEMBER 17, 2003  
 SHEET 2 OF 2

APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE: October 8, 2003



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200 STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION DEFINITION

Using vegetation as cover for barren soil to protect it from forces that cause erosion. Vegetative stabilization specifications are used to promote the establishment of vegetation on exposed soil. When soil is stabilized with vegetation, the soil is less likely to erode and more likely to allow infiltration of rainfall, thereby reducing sediment loads and run-off to downstream areas, and improving wildlife habitat and visual resources.

CONDITIONS WHERE PRACTICE APPLIES

This practice shall be used on denuded areas as specified on the plans and may be used on highly erodible or critically eroding areas. This specification is divided into Temporary Seeding, to quickly establish vegetative cover for short duration (up to one year), and Permanent Seeding, for long term vegetative cover. Examples of applicable areas for Temporary Seeding are temporary soil stockpiles, cleared areas being left idle between construction phases, earth dikes, etc. and for Permanent Seeding are lawns, dams, cut and fill slopes and other areas at final grade, former stockpile and staging areas, etc.

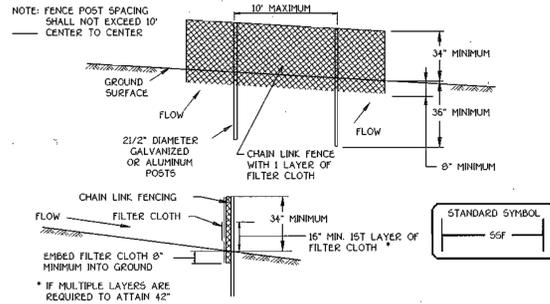
EFFECTS ON WATER QUALITY AND QUANTITY

Planting vegetation in disturbed areas will have an effect on the water budget, especially on volumes and rates of runoff, infiltration, evaporation, transpiration, percolation, and groundwater recharge. Vegetation, over time, will increase organic matter content and improve the water holding capacity of the soil and subsequent plant growth. Vegetation will help reduce the movement of sediment, nutrients, and other chemicals carried by runoff to receiving waters. Plants will also help protect groundwater supplies by assimilating those substances present within the root zone. Sediment control devices must remain in place during grading, seeded preparation, seeding, mulching and vegetative establishment to prevent large quantities of sediment and associated chemicals and nutrients from washing into surface waters.

SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS

- A. Site Preparation
  - i. Install erosion and sediment control structures (either temporary or permanent) such as diversions, grade stabilization structures, berms, waterways, or sediment control basins.
  - ii. Perform all grading operations at right angles to the slope. Final grading and shaping is not usually necessary for temporary seeding.
  - iii. Schedule required soil tests to determine soil amendment composition and application rates for sites having disturbed areas over 5 acres.
- B. Soil Amendments (Fertilizer and Lime Specifications)
  - i. Soil tests must be performed to determine the exact ratios and application rates for both lime and fertilizer on sites having disturbed areas over 5 acres. Soil analysis may be performed by the University of Maryland or a recognized commercial laboratory. Soil samples taken for engineering purposes may also be used for chemical analysis.
  - ii. Fertilizers shall be uniform in composition, free flowing and suitable for accurate application by approved equipment. Nitrate may be substituted for fertilizer with prior approval from the appropriate approval authority. Fertilizers shall all be delivered to the site fully labeled according to the applicable state fertilizer laws and shall bear the name, trade name or trademark and warranty of the producer.
  - iii. Lime materials shall be ground limestone (hydrated or burnt) lime may be substituted which contains at least 50% total oxides (calcium oxide plus magnesium oxide). Limestone shall be ground to such fineness that at least 50% will pass through a #20 mesh sieve and 90-100% will pass through a #30 mesh sieve.
  - iv. Incorporate lime and fertilizer into the top 3-5" of soil by disking or other suitable means.
- C. Seeded Preparation
  - i. Temporary Seeding
    - a. Seeded preparation shall consist of loosening soil to a depth of 3" to 5" by means of suitable agricultural or construction equipment, such as disc harrows or chisel plows or rippers mounted on construction equipment. After the soil is loosened it should not be rolled or dragged smooth, but left in the roughened condition. Sloped areas (greater than 3:1) should be tracked leaving the surface in an irregular condition with ridges running parallel to the contour of the slope.
    - b. Apply fertilizer and lime as prescribed on the plans.
    - c. Incorporate lime and fertilizer into the top 3-5" of soil by disking or other suitable means.
  - ii. Permanent Seeding
    - a. Minimum soil conditions required for permanent vegetative establishment:
      1. Soil pH shall be between 6.0 and 7.0.
      2. Soluble salts shall be less than 200 parts per million (ppm).
      3. The soil shall contain less than 40% clay, but enough fine grained material (30% silt plus clay) to provide the capacity to hold a moderate amount of moisture. An exception is if leucaena or sericea lespedeza is to be planted, then a sandy soil (30% silt plus clay) would be acceptable.
      4. Soil shall contain 1.5% minimum organic matter by weight.
      5. Soil must contain sufficient pore space to permit adequate root penetration.
      6. If these conditions cannot be met by soils on site, adding topsoil is required in accordance with Section 21 Standard and Specification for Topsoil.
    - b. Areas previously graded in conformance with the drawings shall be maintained in a true and even grade, then scarified or otherwise loosened to a depth of 3-5" to permit bonding of the topsoil to the surface area and to create horizontal erosion check slots to prevent topsoil from sliding down a slope.
    - c. Apply soil amendments as per soil test or as included on the plans.
    - d. Mix soil amendments into the top 3-5" of topsoil by disking or other suitable means. Lawn areas should be rolled to smooth the surface, remove large objects like stones and broods, and ready the area for seed and application. Where site conditions will not permit normal seeded preparation, loosen surface soil by dragging with a heavy chain or other equipment to roughen the surface. Steep slopes (steeper than 3:1) should be tracked by a dozer leaving the soil in an irregular condition with ridges running parallel to the contour of the slope. The top 1-3" of soil should be loose and friable. Seeded loosening may not be necessary on newly disturbed areas.

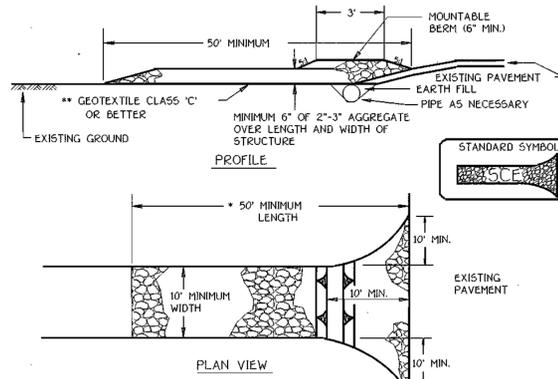
SUPER SILT FENCE



- NOTE: FENCE POST SPACING SHALL NOT EXCEED 10' CENTER TO CENTERS.
- Construction Specifications
1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42" fabric and 6' length posts.
  2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
  3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
  4. Filter cloth shall be embedded a minimum of 6" into the ground.
  5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
  6. Maintenance shall be performed as needed and silt buildups removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
  7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:

Slope	Slope Steepness	Design Criteria	
		Slope Length (maximum)	Silt Fence Length (maximum)
0 - 10%	0 - 10:1	Unlimited	Unlimited
10 - 20%	10:1 - 5:1	200 feet	1,500 feet
20 - 33%	5:1 - 3:1	100 feet	1,000 feet
33 - 50%	3:1 - 2:1	100 feet	500 feet
50% +	2:1 +	50 feet	250 feet

STABILIZED CONSTRUCTION ENTRANCE



- Construction Specification
1. Length - minimum of 50' (\*30' for single residence lot).
  2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
  3. Filter cloth (fabric (filter cloth) shall be placed over the existing ground prior to placing stone. \*\*The plan approval authority may not require single family residences to use geotextile.
  4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
  5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
  6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

SEDIMENT CONTROL NOTES

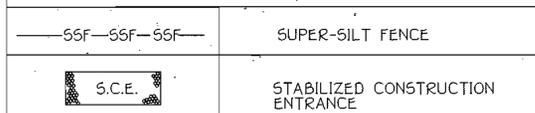
- 1) A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).
- 2) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- 3) FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOO (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 5) ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 6) SITE ANALYSIS:
 

TOTAL AREA OF SITE	1.0	ACRES
AREA DISTURBED	1.0	ACRES
AREA TO BE ROOFED OR PAVED	0.75	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.25	ACRES
TOTAL CUT	1600	CU.YDS.
TOTAL FILL	1600	CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	N/A	CU.YDS.
- 7) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- 8) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 9) TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

SEQUENCE OF CONSTRUCTION

1. OBTAIN A GRADING PERMIT.
2. NOTIFY "MISS UTILITY" AT LEAST 48 HOURS BEFORE BEGINNING ANY WORK AT 1-800-257-7777. NOTIFY THE HOWARD COUNTY OFFICE OF CONSTRUCTION/INSPECTION AT 410-313-1330 24 HOURS BEFORE STARTING WORK. NOTIFY THE BALTIMORE GAS AND ELECTRIC COMPANY AT 410-597-6953 FIVE WORKING DAYS BEFORE STARTING WORK.
3. INSTALL STONE CONSTRUCTION ENTRANCES AND SUPER SILT FENCE. (4 DAYS)
4. GRADE SITE TO SUBGRADE. (2 WEEKS)
5. CONSTRUCT THE BUILDING. (7 MONTHS)
6. INSTALL SITE UTILITIES. (2 WEEKS)
7. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL DEVICES SHOWN ON THE PLAN. THE INSPECTION SHALL BE ON A DAILY BASIS AND AFTER EACH RAINFALL.
8. FINE GRADE SITE AND STABILIZE WITH PERMANENT SEEDING
9. THE SEDIMENT CONTROL DEVICES SHALL BE REMOVED UPON PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR.
10. NOTIFY HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS FOR FINAL INSPECTION OF THE COMPLETED PROJECT.

LEGEND



ENGINEER'S CERTIFICATE

"I certify that this plan for erosion and sediment control represents a practical and workable plan for sediment and erosion control and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Signature of Engineer: *[Signature]* Date: 11/10/03

DEVELOPER'S CERTIFICATE

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Signature of Developer: *[Signature]* Date: 11/19/03

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Director - Department of Planning and Zoning: *[Signature]* Date: 12/4/03

Chief, Development Engineering Division: *[Signature]* Date: 12/1/03

Chief, Division of Land Development: *[Signature]* Date: 12/4/03

Reviewed for HOWARD SCD and meets Technical Requirements.

Signature: *[Signature]* Date: 11/24/03  
 Signature: *[Signature]* Date: 11/24/03

OWNER AND DEVELOPER

RYLAND HOMES  
 SUITE 520  
 7250 PARKWAY DRIVE  
 HANOVER, MARYLAND 21076  
 410-712-7012

ADDRESS CHART

PARCEL NUMBER	STREET ADDRESS
290	10205 WINCOPIN CIRCLE

PROJECT

COLUMBIA TOWN CENTER  
 FLAT No. FOLIO 15694  
 WATER CODE E 31

SECTION/AREA

7 / 6

PARCEL

E-1

TAX/ZONE 36  
 ELEC. DIST. FIFTH  
 CENSUS TR. 6054.01  
 SEWER CODE 5599800

SEDIMENT CONTROL NOTES AND DETAILS

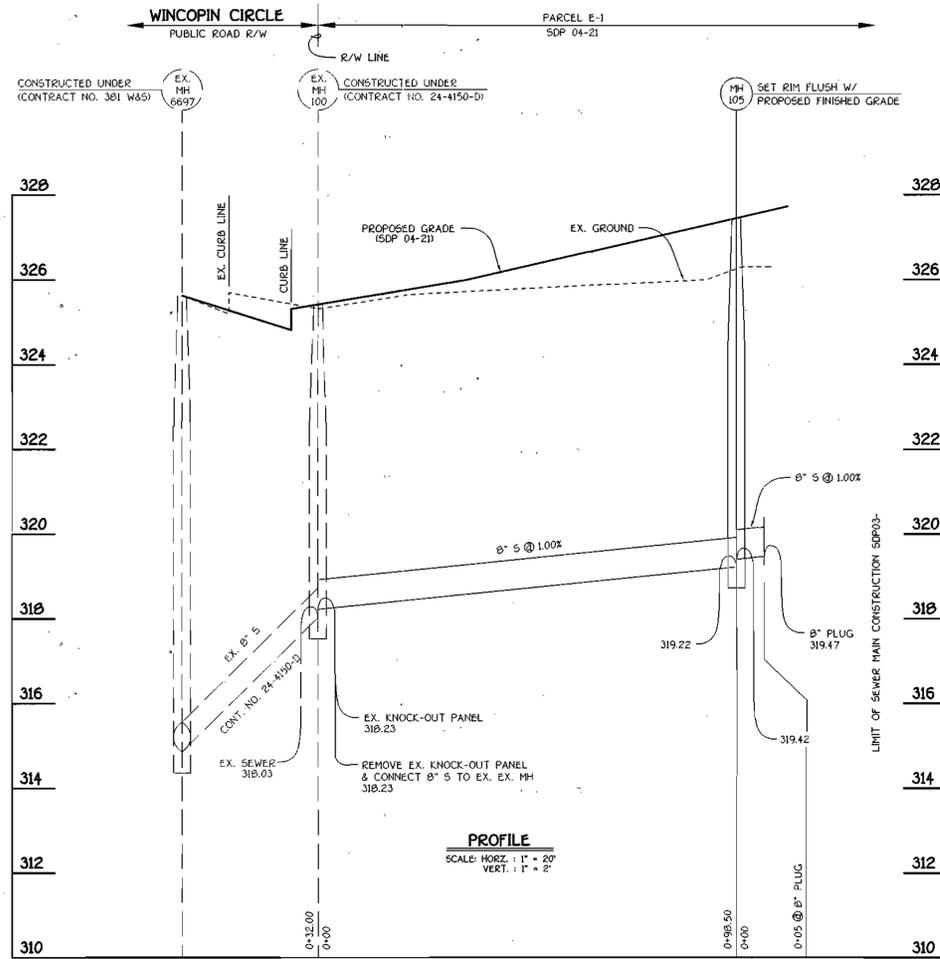
COLUMBIA TOWN CENTER  
 PARCEL "E" & "E-2"  
 SECTION 7 AREA 6

TAX MAP No: 36  
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: AS SHOWN DATE: NOVEMBER 17, 2003  
 SHEET 3 OF 8

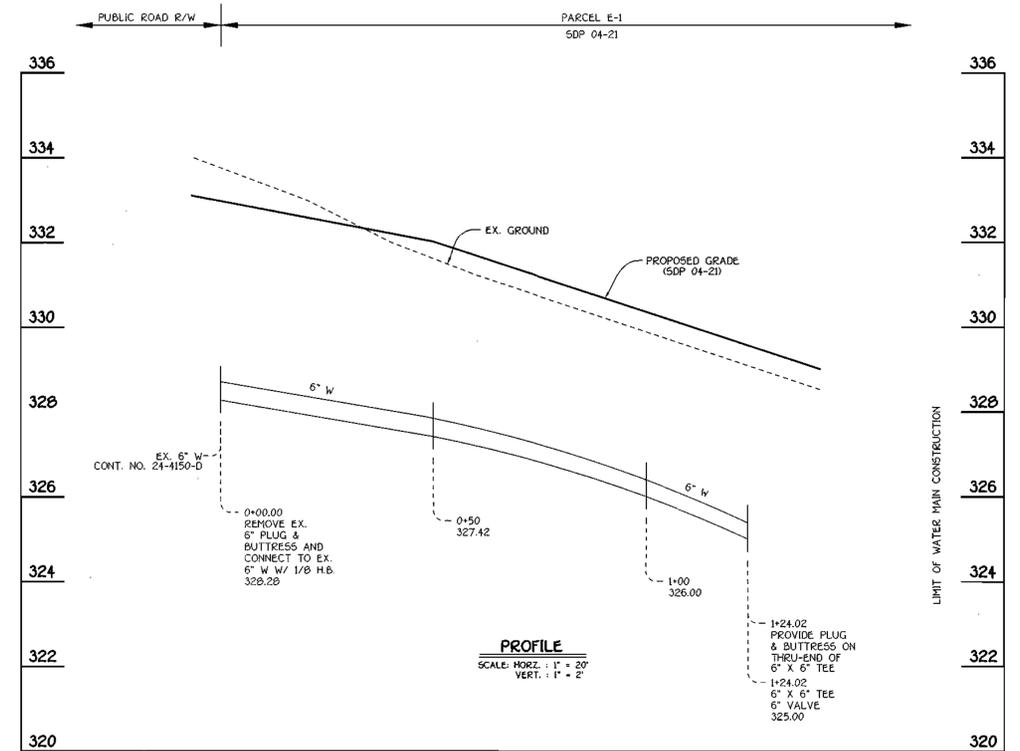
APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE: October 8, 2003







**8" PRIVATE SEWER MAIN**



**6" PRIVATE WATER MAIN**

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE October 8, 2003



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**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE, OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE  
ELLSWORTH CITY, MARYLAND 21042  
(410) 461-2855

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"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."  
Signature of Engineer: [Signature] Date: 11/19/03

**DEVELOPER'S CERTIFICATE**  
"I've certify that all development and construction will be done according to this plan, for sediment and erosion control and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."  
Signature of Developer: [Signature] Date: 11/19/03

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] Director - Department of Planning and Zoning Date: 12/4/03

[Signature] Chief, Development Engineering Division Date: 12/11/03

[Signature] Chief, Division of Land Development Date: 12/4/03

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A. - Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

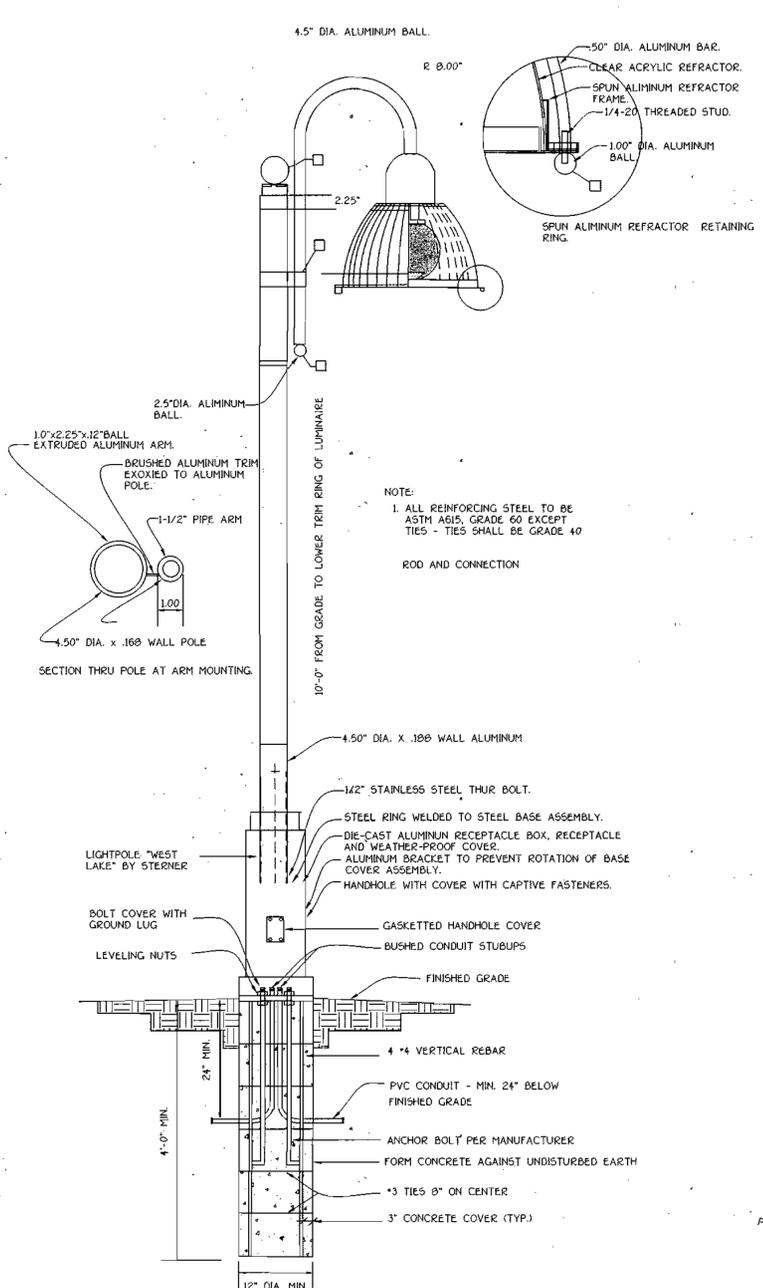
Howard SCD

**OWNER AND DEVELOPER**  
RYLAND HOMES  
SUITE 200  
7250 PARKWAY DRIVE  
HANOVER, MARYLAND 21076  
410-712-7012

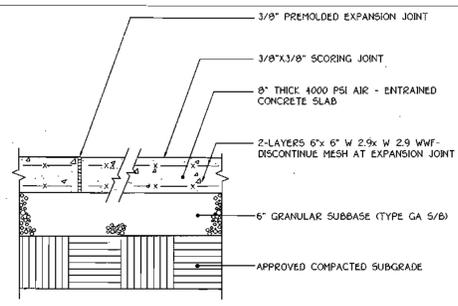
ADDRESS CHART					
PARCEL NUMBER	STREET ADDRESS				
290	10205 WINCOPIN CIRCLE				
PROJECT	SECTION/AREA	PARCEL			
COLUMBIA TOWN CENTER	7 / 6	E-1			
PLAT No. FOLIO	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
15694	2	NT	36	FIFTH	6054.01
WATER CODE	SEWER CODE				
E 31	5559800				

**PRIVATE WATER AND SEWER MAIN PROFILES**

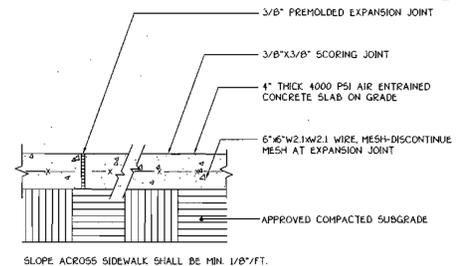
**COLUMBIA TOWN CENTER**  
PARCEL "E-1"  
SECTION 7 AREA 6  
TAX MAP No: 36  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: NOVEMBER 17, 2003  
SHEET 5 OF 8



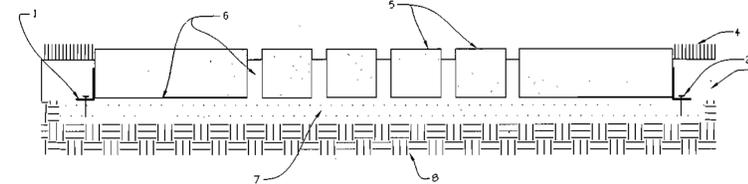
1 LIGHT POLE BASE AND FOUNDATION DETAIL  
6 NOT TO SCALE



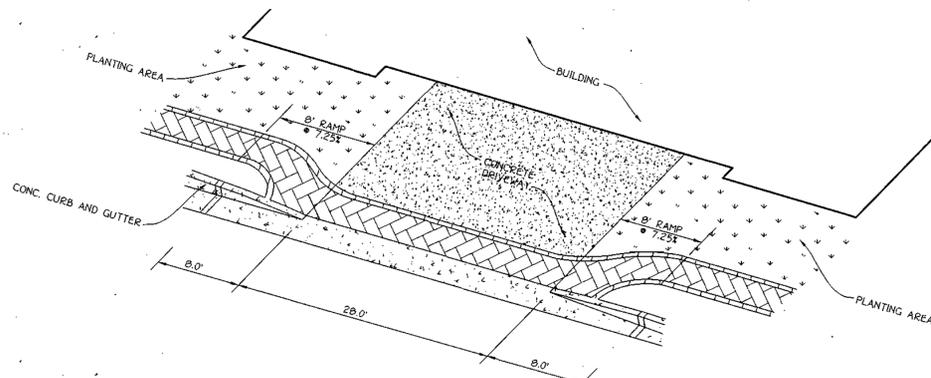
CONCRETE PAVING DETAIL AT GARAGE ENTRANCES 2  
6 NO SCALE



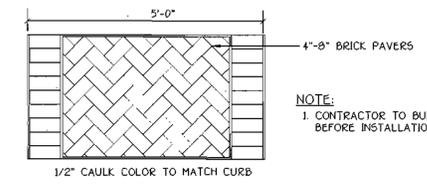
CONCRETE WALK DETAIL 3  
6 NOT TO SCALE



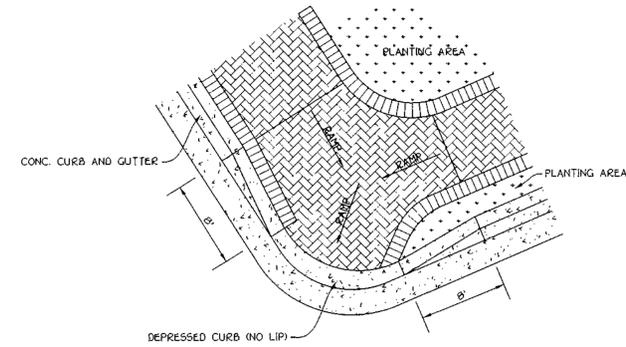
TYPICAL CROSS SECTION DETAIL 4  
6 SCALE 1-1/2"x1'0"



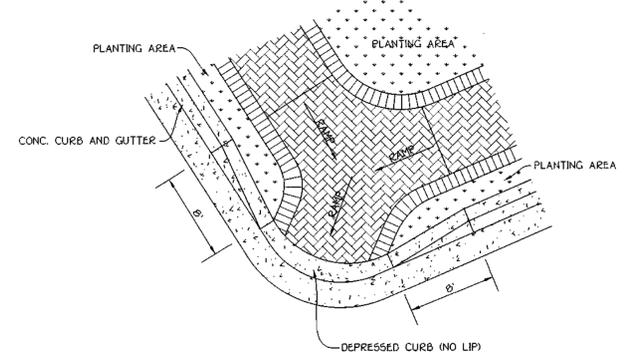
TYPE C CURB RAMP DETAIL 5  
6 NOT TO SCALE



SIDEWALK LAYOUT 6  
6 SCALE: 1/2"x1'0"



MODIFIED HANDICAPPED RAMP 7  
6 NOT TO SCALE



MODIFIED HANDICAPPED RAMP 8  
6 NOT TO SCALE

APPROVED  
PLANNING BOARD  
of HOWARD COUNTY  
DATE October 8, 2003



K:\SOS\PROJ\61776 Town Center\dwg\61776 SHEET 6 - SITE PLAN DETAILS.dwg, 11/14/2003, 2:50:07 PM

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 8022 BALTIMORE NATIONAL FREE  
ELICOTT CITY, MARYLAND 21042  
410 461 - 2055

**ENGINEER'S CERTIFICATE**  
"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."  
Signature of Engineer: [Signature] Date: 11/17/03

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Signature of Developer: [Signature] Date: 11/19/03

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Director - Department of Planning and Zoning: [Signature] Date: 12/4/03

Chief, Development Engineering Division: [Signature] Date: 12/1/03

Chief, Division of Land Development: [Signature] Date: 12/4/03

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A. - Natural Resources Conservation Service  
This development plan is approved for the Howard Soil Conservation District.  
Howard SCD

**OWNER AND DEVELOPER**  
RYLAND HOMES  
SUITE 520  
7250 PARKWAY DRIVE  
HANOVER, MARYLAND 21076  
410-712-7012

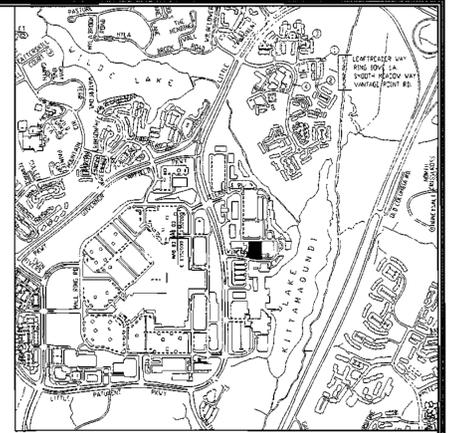
ADDRESS CHART					
PARCEL NUMBER	STREET ADDRESS				
290	10205 WINCOPIN CIRCLE				
PROJECT		SECTION/AREA	PARCEL		
COLUMBIA TOWN CENTER		7 / 6	E-1		
PLAT No. FOLIO	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
15694	2	NT	36	FIFTH	6054.01
WATER CODE		SEWER CODE			
E 31		5559800			

**SITE PLAN DETAILS**

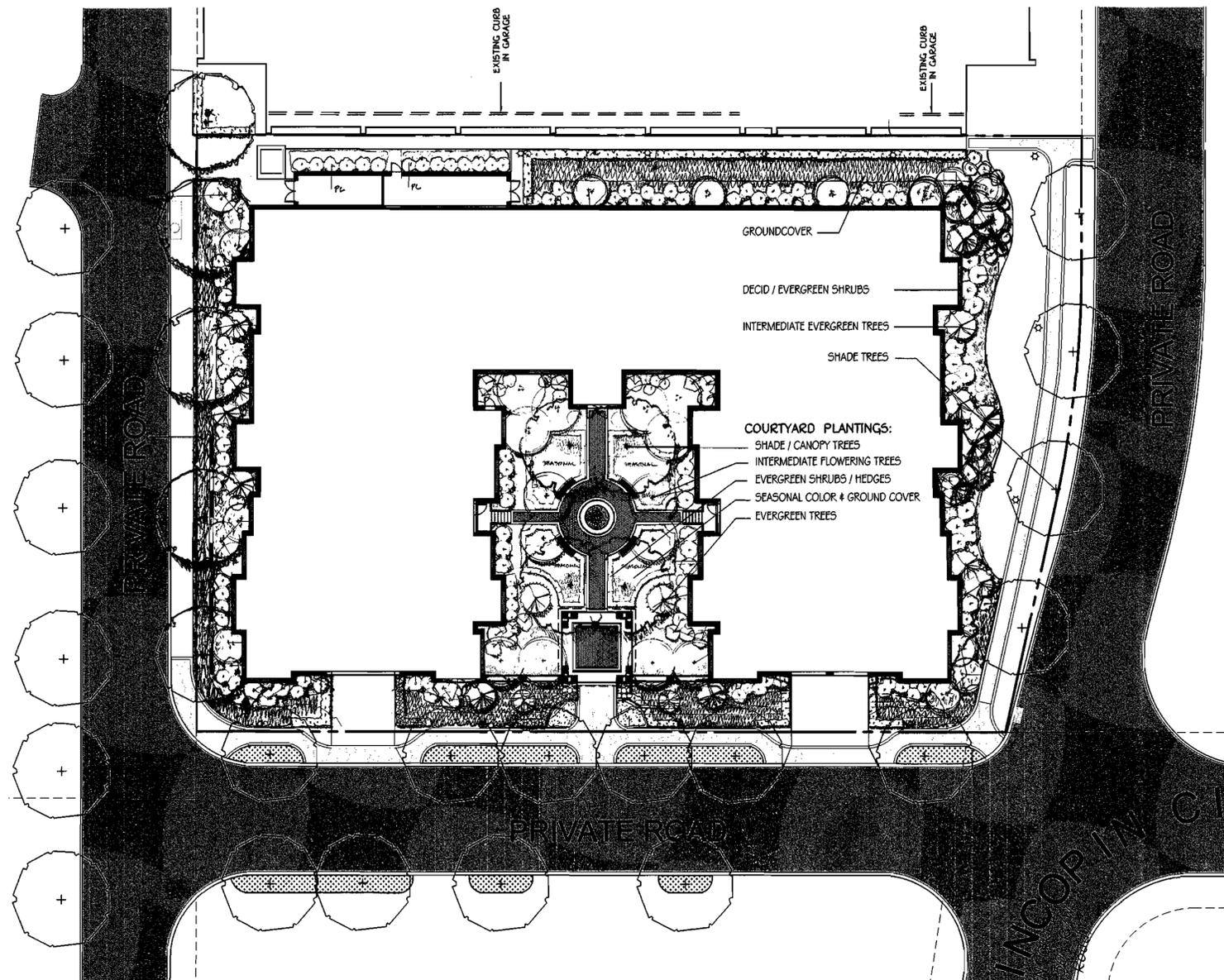
**COLUMBIA TOWN CENTER**  
PARCEL "E-1"  
SECTION 7 AREA 6  
TAX MAP No: 36  
SHEET 6 OF 8

SCALE: NO SCALE DATE: NOVEMBER 17, 2003

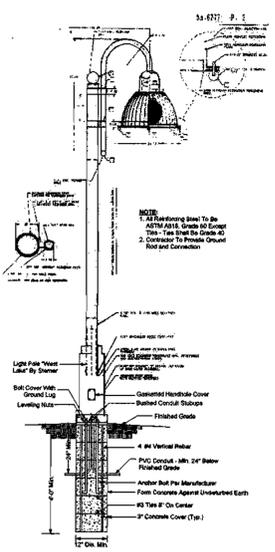
SOP 04-21



VICINITY MAP  
SCALE: 1" = 1200'



- LANDSCAPE NOTES:**
1. This Conceptual Landscape Plan has been reviewed and approval by The Howard Research and Development Corp. (HRD) on 07-30-03.
  2. Final Details including plant list, planting details and specifications are subject to final HRD approval and shall be developed under separate Private Landscape Plans.
  3. The subject Parcel E-1 is an "internal" parcel and is entirely surrounded by parcels within the same development (Columbia Town Center)
  4. No public roads abut this parcel except for Wincopin Circle which abuts at the SouthWest corner point only.
  5. No service or loading areas are adjacent to any public Road.
  6. All parking is within a parking garage under the building.
  7. The required landscape trees in Schedule A = none. Therefore no Financial Surety is required for this plan.



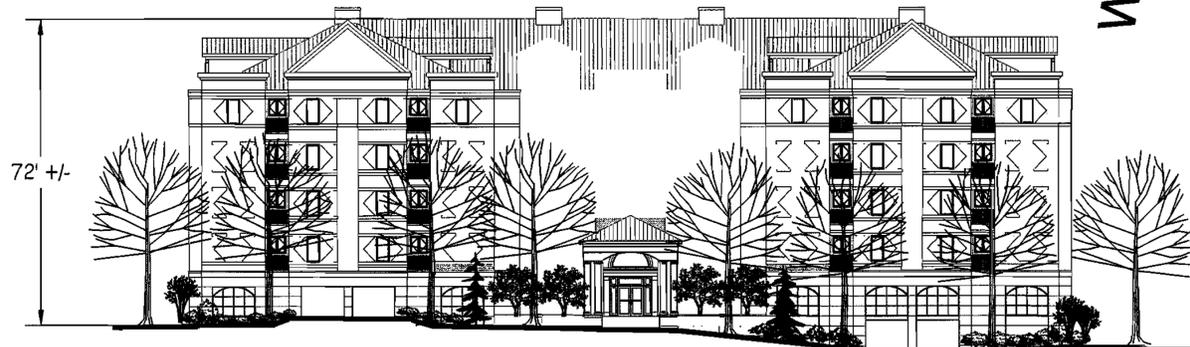
F LIGHT POLE BASE AND FOUNDATION DETAIL  
Not To Scale

☼ LIGHT POLE LEGEND:

SCHEDULE A PERIMETER LANDSCAPE EDGE		
CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	N/A	N/A
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	N/A	N/A
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	N/A	N/A
CREDIT FOR WALL, FENCE, BERM, ETC. (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	N/A	N/A
NUMBER OF PLANTS REQUIRED	0	0
SHADE TREES		
EVERGREEN TREES		
SHRUBS		
NUMBER OF PLANTS PROVIDED	N/A	N/A
SHADE TREES		
EVERGREEN TREES		
OTHER TREES (2:1 SUBSTITUTION)		
SHRUBS (10:1 SUBSTITUTION)		
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)		

• ALL INTERNAL PLANTINGS SHALL BE PROVIDED UNDER A SEPARATE (PRIVATE) LANDSCAPE PLAN SUBJECT TO APPROVAL BY HRD.

LANDSCAPE SURETY NOTE:  
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE.  
THE REQUIRED TREES IN SCHEDULE A = 0  
NO FINANCIAL SURETY FOR LANDSCAPING IS REQUIRED.



- NOTES:**
1. NO SURETY SINCE NO REQUIRED LANDSCAPING.
  2. NO PERIMETER LANDSCAPING IS REQUIRED BECAUSE PARCEL IS SURROUNDED BY OTHER PARCELS IN THE SAME SUBDIVISION.

BUILDING ELEVATION  
1"=20'-0"

PLAN  
1"=20'-0"

APPROVED  
PLANNING BOARD  
of HOWARD COUNTY  
DATE: October 8, 2003

LANDSCAPE PLAN PREPARED BY:  
**Wigand H. Theimer, LLC**  
Landscape Architecture - Planning  
11770 Chapel Estates Drive, Clarksville, MD 21029  
Tel (410)-531-6809 Fax (410)-531-4860 wtheimer@comcast.net



NOTE:  
THIS LANDSCAPE CONCEPT PLAN HAS BEEN REVIEWED BY HRD AND HAS RECEIVED CONCEPT APPROVAL ON 07-30-03

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
BELTSVILLE CITY, MARYLAND 20852  
4100 461 - 2255

**ENGINEER'S CERTIFICATE**  
"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."  
  
Signature of Engineer: [Signature] Date: 11/19/03

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Signature of Developer: [Signature] Date: 11/19/03

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Director - Department of Planning and Zoning: [Signature] Date: 12/1/03

Chief, Development Engineering Division: [Signature] Date: 12/1/03

Chief, Division of Land Development: [Signature] Date: 12/1/03

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A.-Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Date: [Signature] Date: [Signature]

Howard SCD Date: [Signature] Date: [Signature]

**OWNER AND DEVELOPER**  
RYLAND HOMES  
SUITE 520  
7250 PARKWAY DRIVE  
HANOVER, MARYLAND 21076  
410-712-7012

ADDRESS CHART					
PARCEL NUMBER	STREET ADDRESS				
290	10205 WINCOPIN CIRCLE				
PROJECT		SECTION/AREA	PARCEL		
COLUMBIA TOWN CENTER		7 / 6	E-1		
PLAT No.	BLOCK No.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
15694	2	NT	36	FIFTH	6054.01
WATER CODE		SEWER CODE			
E 31		5559800			

**LANDSCAPE PLAN**

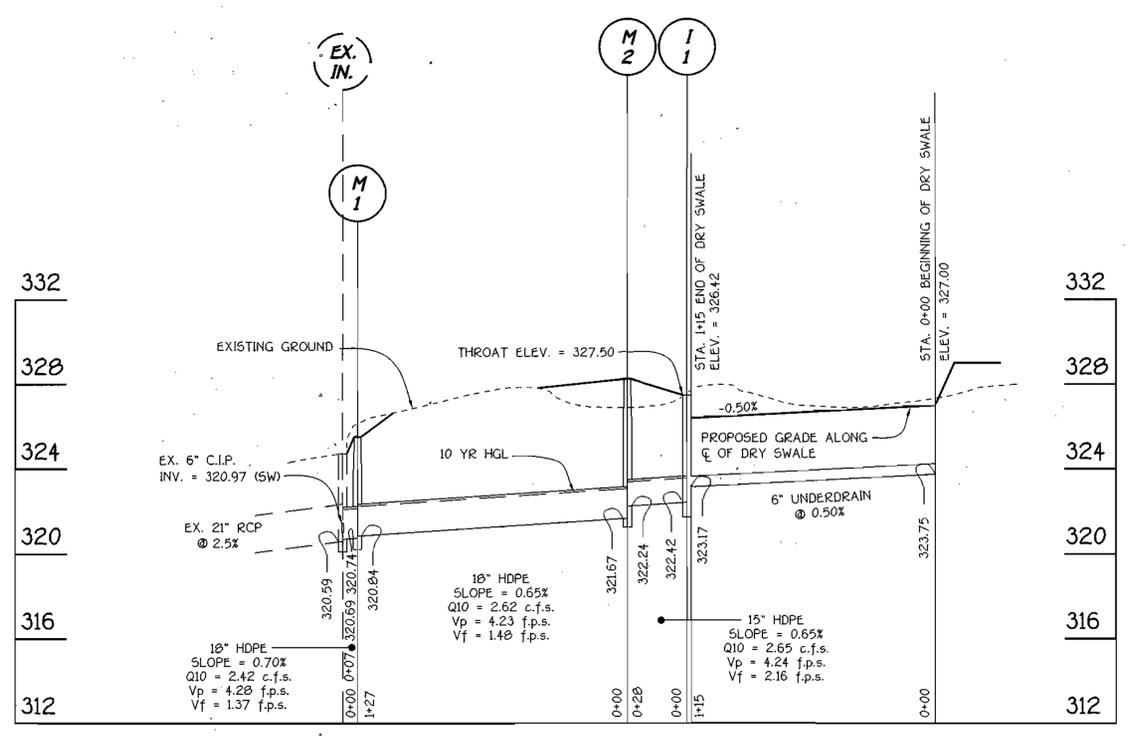
**COLUMBIA TOWN CENTER**

PARCEL "E-1"  
SECTION 7 AREA 6  
TAX MAP No: 36  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 20' DATE: OCTOBER 21, 2003  
SHEET 7 OF 8

STRUCTURE SCHEDULE								
STRUCTURE NO.	TOP ELEVATION	INV. IN.	INV. OUT.	ROAD NAME	ROAD STA.	OFFSET	TYPE	REMARKS
I-1	* 327.50	323.17	322.42	-----	N 503,762.12 E 840,753.00	---	'D' INLET	S.D. - 4.11
M-1	325.50	320.84	320.74	-----	N 503,747.31 E 840,603.53	---	STD. MANHOLE	G - 5.11
M-2	328.25	322.24	321.67	-----	N 503,745.95 E 840,730.52	---	STD. MANHOLE	G - 5.11

\* DENOTES THROAT ELEVATION

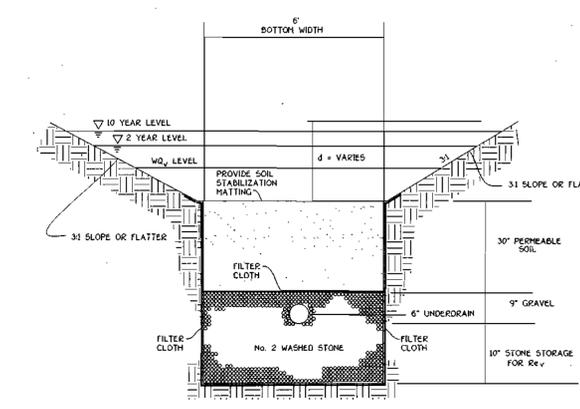
PIPE SCHEDULE		
SIZE	CLASS	LENGTH
6"	PVC	115'
15"	HDPE	28'
18"	HDPE	134'



BMP FACILITY NO. 1 AND STORM DRAIN PROFILE  
SCALE: HORIZ. 1" = 20'  
VERT. 1" = 2'

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED OPEN CHANNEL SYSTEM

- THE OPEN CHANNEL SYSTEM SHALL BE INSPECTED ANNUALLY AND AFTER MAJOR STORMS. INSPECTION SHALL BE PERFORMED DURING WET WEATHER TO DETERMINE IF THE FACILITY IS FUNCTIONING PROPERLY.
- THE OPEN CHANNEL SHALL BE MOWED A MINIMUM OF AS NEEDED DURING THE GROWING SEASON TO MAINTAIN A MAXIMUM GRASS HEIGHT OF LESS THAN 6 INCHES.
- DEBRIS AND LITTER SHALL BE REMOVED DURING REGULAR MOWING OPERATIONS AND AS NEEDED.
- VISIBLE SIGNS OF EROSION IN THE OPEN CHANNEL SYSTEM SHALL BE REPAIRED AS SOON AS IT IS NOTICED.
- REMOVED SILT IN THE OPEN CHANNEL SYSTEM WHEN IT EXCEEDS 25% OF THE ORIGINAL WQV.



DRY SWALE CROSS SECTION  
NO SCALE

APPROVED  
PLANNING BOARD  
of HOWARD COUNTY  
DATE: October 8, 2003



LOG OF BORING NO. B-01		Sheet 1 of 1		
PROJECT: Former Movie Theater Site PROJECT NO: 020827.1 PROJECT LOCATION: Howard County, Maryland		WATER LEVEL: Dry DATE: 4/21/03 CAVED BY: B.P.		
DATE STARTED: April 21, 2003 DATE COMPLETED: April 21, 2003 DRILLING CONTRACTOR: Earth Matters DRILLER: Earth Matters DRILLING METHOD: HSA SAMPLING METHOD: Split Spoon		GROUND SURFACE ELEVATION: 327.5 DATE: Topo EQUIPMENT: B-61 LOGGED BY: Earth Matters CHECKED BY: B. Dinsmore		
DEPTH (ft)	TIME (min)	DESCRIPTION	REMARKS	
1 0.0	18	0-10-12-18	327.5	ML Brown, moist, medium dense to dense, micaceous SILT and medium to fine SAND, trace fine gravel.
2 2.4	18	0-10-12-24	327.5	ML AASHTO: A-4
3 5.0	18	10-12-30	327.5	SM Tan-brown, dry, dense to very dense, coarse to fine SAND, silt and trace fine gravel.
4 7.5	14	0-10-12-30	320.5	SM AASHTO: A-2.4
5 10.0	10	0-10-12-30	318.5	SM AASHTO: A-1.0
Bottom of Hole at 11.0 Feet.				

LOG OF BORING NO. B-02		Sheet 1 of 1		
PROJECT: Former Movie Theater Site PROJECT NO: 020827.1 PROJECT LOCATION: Howard County, Maryland		WATER LEVEL: Dry DATE: 4/21/03 CAVED BY: B.P.		
DATE STARTED: April 21, 2003 DATE COMPLETED: April 21, 2003 DRILLING CONTRACTOR: Earth Matters DRILLER: Earth Matters DRILLING METHOD: HSA SAMPLING METHOD: Split Spoon		GROUND SURFACE ELEVATION: 328.5 DATE: Topo EQUIPMENT: B-61 LOGGED BY: Earth Matters CHECKED BY: B. Dinsmore		
DEPTH (ft)	TIME (min)	DESCRIPTION	REMARKS	
1 0.0	18	10-20-18-18	328.5	ML Brown, moist, dense, micaceous SILT and coarse to fine SAND. Topsoil 5 in.
2 2.5	18	5-8-8	324.5	SM AASHTO: A-4
3 5.0	18	11-10-15-15	32	SM Tan-brown to greenish grey, dry, medium dense, micaceous coarse to fine SAND, 8% silt, 14% fine gravel.
4 7.5	18	11-10-15-10	20	SM AASHTO: A-2.4
5 10.0	12	4-18-15-15	28	SM Green-brown, dry, very dense, micaceous medium to fine SAND and SILT, trace fine gravel.
6 15.0	12	4-18-15-21	27	SM AASHTO: A-4
7 20.0	10	25-50*	20.5	SM Bottom of Hole at 22.0 Feet.

LOG OF BORING NO. B-03		Sheet 1 of 1		
PROJECT: Former Movie Theater Site PROJECT NO: 020827.1 PROJECT LOCATION: Howard County, Maryland		WATER LEVEL: Dry DATE: 4/21/03 CAVED BY: B.P.		
DATE STARTED: April 21, 2003 DATE COMPLETED: April 21, 2003 DRILLING CONTRACTOR: Earth Matters DRILLER: Earth Matters DRILLING METHOD: HSA SAMPLING METHOD: Split Spoon		GROUND SURFACE ELEVATION: 328.0 DATE: Topo EQUIPMENT: B-61 LOGGED BY: Earth Matters CHECKED BY: B. Dinsmore		
DEPTH (ft)	TIME (min)	DESCRIPTION	REMARKS	
1 0.0	18	7-11-15-12	206.0	SM Brown, moist, medium dense, micaceous coarse to fine SAND and SILT.
2 2.5	18	12-13-10-12	324.0	SM AASHTO: A-4
3 5.0	18	12-13-10-13	28	SM Tan-brown, dry, medium dense, to dense, coarse to fine SAND, trace fine gravel, trace silt.
4 7.5	14	8-12-14-14	19	SM AASHTO: A-1.0
5 10.0	12	8-12-14-21	38	SM
6 15.0	12	14-18-14-17	14	SM
7 20.0	10	15-18-24-14	14	SM
Bottom of Hole at 22.0 Feet.				

K:\SDP\PROJ\061776 Town Center\dwg\1776 SHEET 8 - SD PROFILES.dwg, 11/4/2003 3:37:25 PM



**ENGINEER'S CERTIFICATE**  
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

*[Signature]*  
Signature of Engineer  
11/1/03  
Date

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*[Signature]*  
Signature of Developer  
11/19/03  
Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]*  
Director - Department of Planning and Zoning  
12/4/03  
Date

*[Signature]*  
Chief, Development Engineering Division  
12/1/03  
Date

*[Signature]*  
Chief, Division of Land Development  
12/4/03  
Date

Approved for HOWARD SCD and meets Technical Requirements.

U.S.D.A.-Natural Resources Conservation Service  
This development plan is approved for sediment and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

Howard SCD  
Date

**OWNER AND DEVELOPER**  
RYLAND HOMES  
SUITE 520  
7250 PARKWAY DRIVE  
HANOVER, MARYLAND 21076  
410-712-7012

ADDRESS CHART	
PARCEL NUMBER	STREET ADDRESS
290	10205 WINCOPIN CIRCLE

PROJECT	SECTION/AREA	PARCEL
COLUMBIA TOWN CENTER	7 / 6	E-1

PLAT NO. FOLIO	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
15694	2	NT	36	FIFTH	6054.01

WATER CODE	SEWER CODE
E 31	5559800

STORM DRAIN PROFILES AND STORMWATER MANAGEMENT DETAILS

**COLUMBIA TOWN CENTER**  
PARCEL "E-1"  
SECTION 7 AREA 6  
TAX MAP No: 36  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: NOVEMBER 17, 2003  
SHEET 8 OF 8

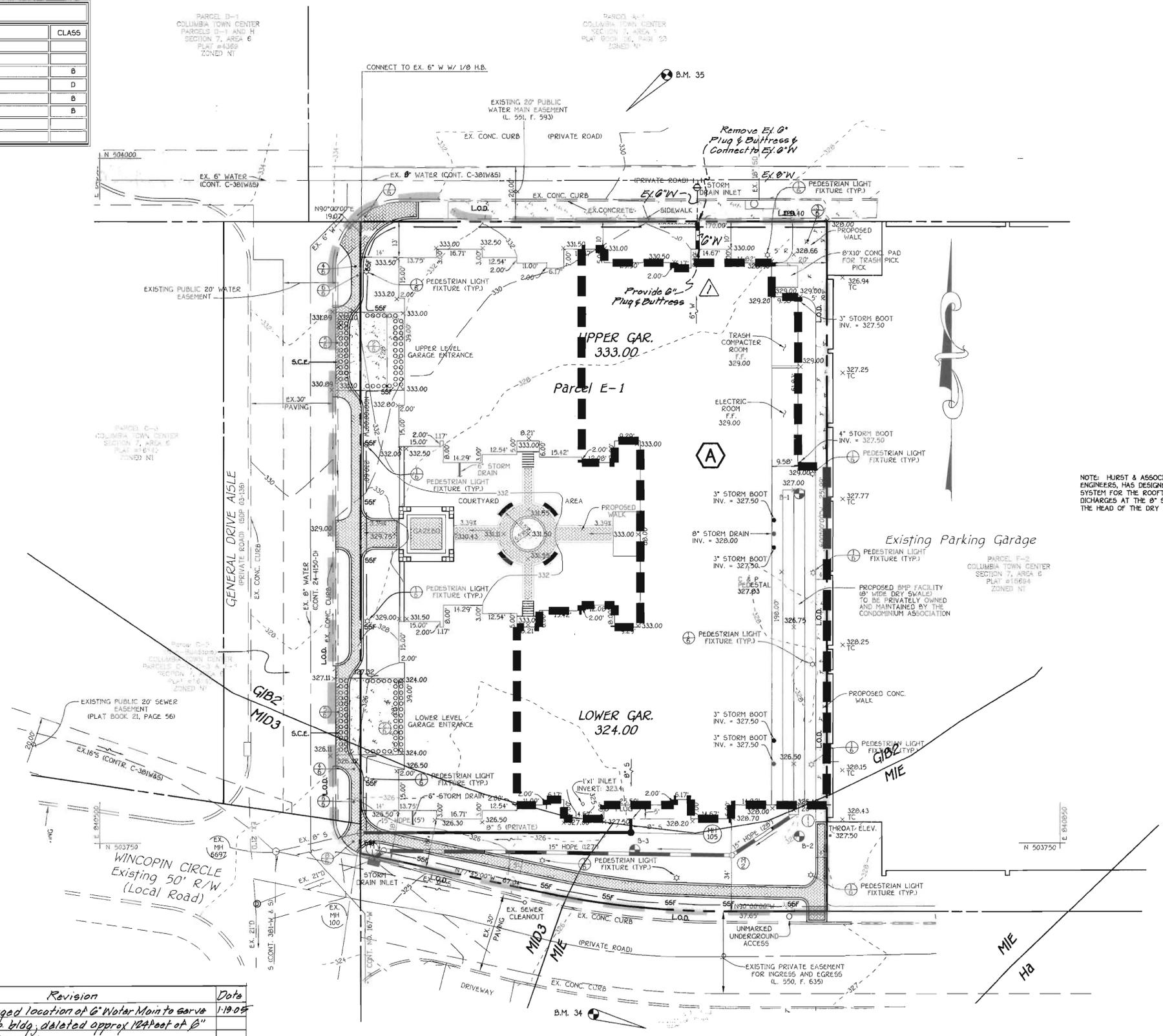
SDP 04-21



SOILS LEGEND		
SOIL	NAME	CLASS
GIB2	Gierelg loam, 3 to 8 percent slopes, moderately eroded	B
** H4	Hatboro silt loam	D
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B

NOTES:  
 \* Hydric soils and/or contains hydric inclusions  
 \*\* May contain hydric inclusions  
 † Generally only within 100-year floodplain areas

DRAINAGE AREA DATA					
STRUCTURE NO.	DRAINAGE AREA	AREA	'C'	ZONED	% IMP.
I-1	A	0.38 AC.	0.82	NT	92%



NOTE: HURST & ASSOCIATES CONSULTING ENGINEERS, HAS DESIGNED AN INTERNAL COLLECTION SYSTEM FOR THE ROOFTOP RUNOFF. THIS SYSTEM DISCHARGES AT THE 6\"/>

SYMBOL	DESCRIPTION
- - - - -	EXISTING CONTOUR 2' INTERVAL
•	SPOT ELEVATION
-SF-	SILT FENCE
-SSF-	SUPER SILT FENCE
ECM	EROSION CONTROL MATTING
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
○	EXISTING STREET TREE

No.	Revision	Date
1	Changed location of 6\"/>	11/19/03

**ENGINEER'S CERTIFICATE**  
 I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
 Signature of Engineer: *[Signature]* Date: 11/17/03

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APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Director - Department of Planning and Zoning: *[Signature]* Date: 11/17/03  
 Chief, Development Engineering Division: *[Signature]* Date: 12/1/03  
 Chief, Division of Land Development: *[Signature]* Date: 12/4/03

Reviewed for HOWARD SCD and meets Technical Requirements.  
 U.S.A.-Natural Resources Conservation Service  
 This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
 Howard SCD  
 Date: 11/24/03  
 Date: 11/24/03

**OWNER AND DEVELOPER**  
 RYLAND HOMES  
 SUITE 520  
 7250 PARKWAY DRIVE  
 HANOVER, MARYLAND 21076  
 410-712-7012

ADDRESS CHART					
PARCEL NUMBER	STREET ADDRESS				
290	10205 WINCOPIN CIRCLE				
PROJECT	SECTION/AREA	PARCEL			
COLUMBIA TOWN CENTER	7 / 6	E-1			
PLAT No.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
15694	2	NT	36	FIFTH	6054.01
WATER CODE	SEWER CODE				
E 31	5559800				

**SEDIMENT EROSION CONTROL PLAN  
 DRAINAGE AREA MAP AND SOILS MAP**

**COLUMBIA TOWN CENTER  
 PARCEL "E-1"  
 SECTION 7 AREA 6**

TAX MAP No: 36  
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 20' DATE: NOVEMBER 17, 2003  
 SHEET 2 OF 8



October 8, 2003

K:\SDP\PROJ\061776 Town Center\dwg\1776 SHEET 2 - SEC PLAN.dwg, 11/14/2003 4:15:48 PM



